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- NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
- NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
- NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes
- NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the IPC reform
- NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
- NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
- NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
- NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
- NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
- NEWS 13 JAN 30 Saved answer limit increased
- NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency added to TULSA
- NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT <http://download.cas.org/express/v8.0-Discover/>
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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 14:25:32 ON 31 JAN 2006

=> FIL STNGUIDE		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'STNGUIDE' ENTERED AT 14:25:39 ON 31 JAN 2006  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jan 27, 2006 (20060127/UP).

=> FIL HOME

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	0.27

FILE 'HOME' ENTERED AT 14:25:47 ON 31 JAN 2006

=> file caplus biosis agricola medline patents

FILE 'ENCOMPAT2' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.48

FILE 'CAPLUS' ENTERED AT 14:26:29 ON 31 JAN 2006

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FILE 'MEDLINE' ENTERED AT 14:26:29 ON 31 JAN 2006

FILE 'CAOLD' ENTERED AT 14:26:29 ON 31 JAN 2006

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FILE 'ENCOMPAT' ENTERED AT 14:26:29 ON 31 JAN 2006

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FILE 'EPFULL' ENTERED AT 14:26:29 ON 31 JAN 2006

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FILE 'FRANCEPAT' ENTERED AT 14:26:29 ON 31 JAN 2006

COPYRIGHT (C) 2006 INPI

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FILE 'IFIPAT' ENTERED AT 14:26:29 ON 31 JAN 2006

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FILE 'IMSPATENTS' ENTERED AT 14:26:29 ON 31 JAN 2006  
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FILE 'JAPIO' ENTERED AT 14:26:29 ON 31 JAN 2006  
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FILE 'PATDD' ENTERED AT 14:26:29 ON 31 JAN 2006  
COPYRIGHT 2006 (C) Deutsches Patent- und Markenamt (DPMA)

FILE 'PATDPA' ENTERED AT 14:26:29 ON 31 JAN 2006  
COPYRIGHT (c) 2006 Deutsches Patent- und Markenamt / FIZ Karlsruhe (DPMA/FIZ KA)

FILE 'PATDPAFULL' ENTERED AT 14:26:29 ON 31 JAN 2006  
COPYRIGHT (C) 2006 DPMA

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FILE 'PCTFULL' ENTERED AT 14:26:29 ON 31 JAN 2006  
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FILE 'PROUSDDR' ENTERED AT 14:26:29 ON 31 JAN 2006  
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FILE 'PS' ENTERED AT 14:26:29 ON 31 JAN 2006  
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FILE 'RAPRA' ENTERED AT 14:26:29 ON 31 JAN 2006  
COPYRIGHT (C) 2006 RAPRA Technology Ltd.

FILE 'RDISCLOSURE' ENTERED AT 14:26:29 ON 31 JAN 2006  
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COPYRIGHT (C) 2006 The University of Tulsa (UTULSA)

FILE 'TULSA2' ENTERED AT 14:26:29 ON 31 JAN 2006  
COPYRIGHT (C) 2006 The University of Tulsa (UTULSA)

FILE 'USPATFULL' ENTERED AT 14:26:29 ON 31 JAN 2006  
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 14:26:29 ON 31 JAN 2006  
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 14:26:29 ON 31 JAN 2006  
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

FILE 'WPIFV' ENTERED AT 14:26:29 ON 31 JAN 2006  
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s (insecticidal or pesticidal) (4a) toxin and (photorhabdus (w) luminescens) (6a) (nucleic or DNA or gene or polynucleotide or protein or nucleotide or vector)

1 FILES SEARCHED...  
8 FILES SEARCHED...  
18 FILES SEARCHED...  
28 FILES SEARCHED...  
29 FILES SEARCHED...  
39 FILES SEARCHED...

L1 347 (INSECTICIDAL OR PESTICIDAL) (4A) TOXIN AND (PHOTORHABDUS (W)  
LUMINESCENS) (6A) (NUCLEIC OR DNA OR GENE OR POLYNUCLEOTIDE OR  
PROTEIN OR NUCLEOTIDE OR VECTOR)

=> s l1 and (rice or maize or corn or monocot or dicot or tobacco or cotton) and (seed or progeny)

15 FILES SEARCHED...  
31 FILES SEARCHED...

L2 43 L1 AND (RICE OR MAIZE OR CORN OR MONOCOT OR DICOT OR TOBACCO  
OR COTTON) AND (SEED OR PROGENY)

=> s l2 not py>2000

8 FILES SEARCHED...  
12 FILES SEARCHED...  
25 FILES SEARCHED...

'2000' NOT A VALID FIELD CODE

29 FILES SEARCHED...

'2000' NOT A VALID FIELD CODE

41 FILES SEARCHED...

L3 6 L2 NOT PY>2000

=> dup remo l3

DUPLICATE IS NOT AVAILABLE IN 'CAOLD, DGENE, DPCI, IMSPATENTS, LITALERT,  
PATDPASPC, PCTGEN, PROUSDDR, PS, RDISCLOSURE, SYNTHLINE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L3

L4 6 DUP REMO L3 (0 DUPLICATES REMOVED)

=> d his

(FILE 'HOME' ENTERED AT 14:25:32 ON 31 JAN 2006)

FILE 'STNGUIDE' ENTERED AT 14:25:39 ON 31 JAN 2006

FILE 'HOME' ENTERED AT 14:25:47 ON 31 JAN 2006

FILE 'CAPLUS, BIOSIS, AGRICOLA, MEDLINE, CAOLD, CASREACT, CROPU, DGENE,  
DPCI, ENCOMPPAT, EPFULL, FRANCEPAT, FRFULL, FSTA, GBFULL, IFIPAT,  
IMSPATENTS, INPADOC, JAPIO, KOREAPAT, LITALERT, NTIS, PAPERCHEM2, PATDD,  
PATDPA, PATDPAFULL, PATDPASPC, PCTFULL, ...' ENTERED AT 14:26:29 ON 31  
JAN 2006

L1 347 S (INSECTICIDAL OR PESTICIDAL) (4A) TOXIN AND (PHOTORHABDUS (W)  
L2 43 S L1 AND (RICE OR MAIZE OR CORN OR MONOCOT OR DICOT OR TOBACCO  
L3 6 S L2 NOT PY>2000  
L4 6 DUP REMO L3 (0 DUPLICATES REMOVED)

=> d l4 1-6

L4 ANSWER 1 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 2000030453 PCTFULL ED 20020515  
TIEN INSECTICIDAL AGENTS  
TIFR AGENTS INSECTICIDES  
IN JARRETT, Paul;  
MORGAN, James, Alun, Wynne;  
ELLIS, Debbie  
PA HORTICULTURE RESEARCH INTERNATIONAL;  
JARRETT, Paul;  
MORGAN, James, Alun, Wynne;  
ELLIS, Debbie  
LA English  
DT Patent  
PI WO 2000030453 A2 20000602  
DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN  
YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ  
MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 1999-GB3846 A 19991118  
PRAI GB 1998-9825418.8 19981119  
ICM A01N063-00  
ICS A01N063-02; C12N015-63; C12N015-82; C07K014-24; A01N000-00; C12N001-20

L4 ANSWER 2 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 1999057128 PCTFULL ED 20020515  
TIEN OPTIMIZATION OF PEST RESISTANCE GENES USING DNA SHUFFLING  
TIFR OPTIMISATION DE GENES DE RESISTANCE AUX RAVAGEURS PAR REARRANGEMENT  
D'ADN  
IN STEMMER, Willem, P., C.;  
CASTLE, Linda;  
YAMAMOTO, Takashi  
PA MAXYGEN, INC.;  
STEMMER, Willem, P., C.;  
CASTLE, Linda;  
YAMAMOTO, Takashi  
LA English  
DT Patent  
PI WO 9957128 A1 19991111  
DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE  
LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG

AI WO 1999-US8473 A 19990422  
PRAI US 1998-60/122,054 19980501  
US 1998-60/094,462 19980728  
ICM C07H021-04  
ICS C12N005-14

L4 ANSWER 3 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 1999054472 PCTFULL ED 20020515  
TIEN NOVEL INSECTICIDAL TOXINS FROM i(XENORHABDUS  
NEMATOPHILUS) AND NUCLEIC ACID SEQUENCES CODING THEREFOR  
TIFR NOUVELLES TOXINES INSECTICIDES ISSUES DE i(XENORHABDUS NEMATOPHILUS) ET  
SEQUENCES D'ACIDES NUCLEIQUES CODANT CES TOXINES  
IN KRAMER, Vance, Cary;  
MORGAN, Michael, Kent;  
ANDERSON, Arne, Robert  
PA NOVARTIS AG;  
NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH;  
KRAMER, Vance, Cary;  
MORGAN, Michael, Kent;  
ANDERSON, Arne, Robert  
LA English

DT Patent  
PI WO 9954472 A1 19991028  
DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU  
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GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ  
CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 1999-EP2629 A 19990419  
PRAI US 1998-09/063,982 19980421  
US 1999-60/123,500 19990309  
ICM C12N015-31  
ICS C07K014-24; C12N001-21; C12N001-19; C12N005-10; A01H005-00

L4 ANSWER 4 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 1999042589 PCTFULL ED 20020515  
TIEN INSECTICIDAL TOXINS FROM PHOTORHABDUS  
TIFR TOXINES INSECTICIDES DE PHOTORHABDUS  
IN KRAMER, Vance, Cary;

MORGAN, Michael, Kent;  
ANDERSON, Arne, Robert;  
HART, Hope, Prim;  
Warren, Gregory, Wayne;  
DUNN, Martha, M.;  
CHEN, Jeng, Shong

PA NOVARTIS AG;  
NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH;  
KRAMER, Vance, Cary;  
MORGAN, Michael, Kent;  
ANDERSON, Arne, Robert;  
HART, Hope, Prim;  
Warren, Gregory, Wayne;  
DUNN, Martha, M.;  
CHEN, Jeng, Shong

LA English

DT Patent

PI WO 9942589 A2 19990826  
DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE  
LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG

AI WO 1999-EP1015 A 19990218  
PRAI US 1998-09/027,080 19980220  
US 1999-60/116,439 19990120  
ICM C12N015-31  
ICS C12N015-82; C12N015-10; C12N001-21; C12N005-10; A01H005-00; C07K014-24;  
A01N063-02

L4 ANSWER 5 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 1998008932 PCTFULL ED 20020514  
TIEN INSECTICIDAL PROTEIN TOXINS FROM \$I(PHOTORHABDUS)  
TIFR TOXINES PROTEINIQUES INSECTICIDES ISOLEES A PARTIR DE PHOTORHABDUS  
IN ENSIGN, Jerald, C.;

BOWEN, David, J.;  
PETELL, James;  
FATIG, Raymond;  
SCHOONOVER, Sue;  
FFRENCH-CONSTANT, Richard, H.;  
ROCHELEAU, Thomas, A.;  
BLACKBURN, Michael, B.;  
HEY, Timothy, D.;  
MERLO, Donald, J.;  
ORR, Gregory, L.;  
ROBERTS, Jean, L.;  
STRICKLAND, James, A.;

GUO, Lining;  
 CICHE, Todd, A.;  
 SUKHAPINDA, Kitisri  
 PA DOW AGROSCIENCES LLC;  
 WISCONSIN ALUMNI RESEARCH FOUNDATION  
 LA English  
 DT Patent  
 PI WO 9808932 A1 19980305  
 DS W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
 GE HU IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN  
 MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG  
 UZ VN AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
 AI WO 1997-US7657 A 19970505  
 PRAI US 1996-8/705,484 19960829  
 US 1996-8/743,699 19961106  
 KE 1996-PCT/US96/18003 19961106  
 ICM C12N001-00  
 ICS C12N001:20; C12N015:00; C12N015:09; C12N015:10; C12N015:29; C12N015:31;  
 C12N015:82; A01G013:00; A01H001:00; A01H003:00; A01H004:00; A01H005:00  
 L4 ANSWER 6 OF 6 PCTFULL COPYRIGHT 2006 Univentio on STN  
 AN 1997017432 PCTFULL ED 20020514  
 TIEN INSECTICIDAL PROTEIN TOXINS FROM PHOTORHABDUS  
 TIFR TOXINES PROTEIQUES INSECTICIDES PROVENANT DE PHOTORHABDUS  
 IN ENSIGN, Jerald, C.;  
 BOWEN, David, J.;  
 PETELL, James;  
 FATIG, Raymond;  
 SCHOONOVER, Sue;  
 FFRENCH-CONSTANT, Richard, H.;  
 ROCHELEAU, Thomas, A.;  
 BLACKBURN, Michael, B.;  
 HEY, Timothy, D.;  
 MERLO, Donald, J.;  
 ORR, Gregory, L.;  
 ROBERTS, Jean, L.;  
 STRICKLAND, James, A.;  
 GUO, Lining;  
 CICHE, Todd, A.  
 PA WISCONSIN ALUMNI RESEARCH FOUNDATION  
 LA English  
 DT Patent  
 PI WO 9717432 A1 19970515  
 DS W: AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI  
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 UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM  
 AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ  
 CF CG CI CM GA GN ML MR NE SN TD TG  
 AI WO 1996-US18003 A 19961106  
 PRAI US 1995-60/007,255 19951106  
 US 1996-8/608,423 19960228  
 US 1996-8/705,484 19960828  
 ICM C12N005-14  
 ICS C12N015:00; C12N015:05; C12N015:09; C12N015:29; C12N015:31; C12N015:64;  
 C12N015:82; A01G013:00; A01H001:00

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<input type="checkbox"/>	L6	12 and 435/\$.ccls.	23
<input type="checkbox"/>	L5	12 and 800/278.ccls.	5
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<input type="checkbox"/>	L3	12 and 800/302.ccls.	7
<input type="checkbox"/>	L2	L1 and (transform or transformed or transgenic) and (seed or progeny)	47
<input type="checkbox"/>	L1	(photorhabdus near2 luminescens) and insect and toxin and (rice or maize or tobacco or cotton)	55

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☐ 1. Document ID: US 20040221333 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 7

File: PGPB

Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040221333

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040221333 A1

TITLE: Novel toxins

PUBLICATION-DATE: November 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Boets, Annemie	Velzeke		BE
Arnaut, Greta	Knesselare		BE
Van Rie, Jeroen	Eeklo		BE
Damme, Nicole	Kruishoutem		BE

US-CL-CURRENT: 800/279; 435/418, 435/419, 435/468, 800/275, 800/278, 800/302,  
800/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20020078478 A1

L3: Entry 2 of 7

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020078478

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020078478 A1

TITLE: DNA sequences from photorhabdus luminescens

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ffrench-Constant, Richard H.	Bath	WI	GB
Bowen, David	Oregon	WI	US
Rocheleau, Thomas A.	Madison		US

Waterfield, Nicholas R.

Bath

GB

US-CL-CURRENT: 800/320.1; 435/419, 536/23.7, 800/279, 800/302, 800/314, 800/317.3,  
800/320.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 6717035 B2

L3: Entry 3 of 7

File: USPT

Apr 6, 2004

US-PAT-NO: 6717035

DOCUMENT-IDENTIFIER: US 6717035 B2

TITLE: Transgenic plants expressing photorhabdus toxin

DATE-ISSUED: April 6, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Petell; James K.	Grass Valley	CA		
Merlo; Donald J.	Carmel	IN		
Herman; Rod A.	New Ross	IN		
Roberts; Jean L.	Arcadia	IN		
Guo; Lining	Chapel Hill	NC		
Schafer; Barry W.	Cicero	IN		
Sukhapinda; Kitisri	Zionsville	IN		
Merlo; Ann Owens	Carmel	IN		

US-CL-CURRENT: 800/302; 435/418, 435/419, 536/23.7, 800/288, 800/317.3, 800/320.1,  
800/320.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6639129 B2

L3: Entry 4 of 7

File: USPT

Oct 28, 2003

US-PAT-NO: 6639129

DOCUMENT-IDENTIFIER: US 6639129 B2

**\*\* See image for Certificate of Correction \*\***TITLE: DNA sequences from photorhabdus luminescens

DATE-ISSUED: October 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
ffrench-Constant; Richard H.	Bath			GB
Bowen; David J.	Oregon	WI		

Rocheleau; Thomas A.  
Waterfield; Nicholas R.

Madison WI  
Bath

GB

US-CL-CURRENT: 800/302; 536/23.1, 536/23.7, 800/278, 800/288, 800/295, 800/298,  
800/314, 800/317.1, 800/317.2, 800/320, 800/320.1, 800/320.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 5. Document ID: US 6590142 B1

L3: Entry 5 of 7

File: USPT

Jul 8, 2003

US-PAT-NO: 6590142

DOCUMENT-IDENTIFIER: US 6590142 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Transgenic plants expressing photorhabdus toxin

DATE-ISSUED: July 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Petell; James K.	Grass Valley	CA		
Merlo; Donald J.	Carmel	IN		
Herman; Rod A.	New Ross	IN		
Roberts; Jean L.	Arcadia	IN		
Guo; Lining	Chapel Hill	NC		
Schafer; Barry W.	Cicero	IN		
Sukhapinda; Kitisi	Zionsville	IN		
Merlo; Ann Owens	Carmel	IN		

US-CL-CURRENT: 800/302; 435/418, 435/419, 536/23.7, 800/279, 800/288, 800/317.3,  
800/320.1, 800/320.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 6. Document ID: US 6281413 B1

L3: Entry 6 of 7

File: USPT

Aug 28, 2001

US-PAT-NO: 6281413

DOCUMENT-IDENTIFIER: US 6281413 B1

TITLE: Insecticidal toxins from Photorhabdus luminescens and nucleic acid sequences  
coding therefor

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Kramer; Vance Cary	Hillsborough	NC
Morgan; Michael Kent	Durham	NC
Anderson; Arne Robert	Zebulon	NC
Hart; Hope Prim	Fuquay-Varina	NC
Warren; Gregory W.	Cary	NC
Dunn; Martha M.	Hillsborough	NC
Chen; Jeng Shong	Chapel Hill	NC

US-CL-CURRENT: 800/302; 435/320.1, 435/418, 435/419, 536/23.7, 800/279, 800/288,  
800/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6174860 B1

L3: Entry 7 of 7

File: USPT

Jan 16, 2001

US-PAT-NO: 6174860

DOCUMENT-IDENTIFIER: US 6174860 B1

TITLE: Insecticidal toxins and nucleic acid sequences coding therefor

DATE-ISSUED: January 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kramer; Vance Cary	Hillsborough	NC		
Morgan; Michael Kent	Durham	NC		
Anderson; Arne Robert	Zebulon	NC		

US-CL-CURRENT: 514/12; 435/320.1, 435/410, 435/412, 435/418, 435/69.1, 536/23.7,  
800/302

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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